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December 7, 1992

Mr. Ralph O. Howard, Jr.  
Project Coordinator  
United States Environmental Protection Agency  
Region IV - Waste Management Division  
345 Courtland Street, N.E.  
Atlanta, GA 30365

Subject: Medley Farm Site RD/RA Monthly Report - November 1992.

Dear Mr. Howard:

The following submittal constitutes RMT's monthly report to EPA regarding the Medley Farm Site RD/RA for November 1992. This report is submitted on behalf of the Medley Farm Site Steering Committee (Steering Committee) to satisfy the requirements of Section XI, Paragraph 30 of the Consent Decree entered into by EPA and the members of the Steering Committee. This monthly report describes tasks initiated or completed as part of the RD/RA for the Medley Farm Site during the reporting period.

#### **PROJECT TASKS INITIATED OR COMPLETED DURING THE MONTH OF NOVEMBER 1992**

##### **MONITORING OF EXISTING SITE CONDITIONS**

###### **Site Characterization:**

###### *Implement Quarterly Sampling and Analysis Plan*

- Analytical results from the third quarterly sampling have arrived and are currently undergoing validation. These data will be provided to the US EPA under separate cover when they clear QA validation measures.
- Sampling activities for the fourth quarter's ground water monitoring have been initiated and should be completed by the second week of the reporting period.

##### **SCOPING AND INITIAL DATA COLLECTION ACTIVITIES**

###### **Scoping and Review Activities:**

###### *Review Existing Information and Guidance*

- Completed

###### *Collection of Additional Site Data*

- No activities to report this period.



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#### *Treatability Evaluation/Pilot Testing*

- RMT is presently coordinating field personnel to conduct the preliminary pumping tests at monitoring wells SW-108 and SW-4. RMT received US EPA's approval of the Project Change Notice (MF-003) and anticipates conducting these activities during the second week of the December reporting period.
- As a part of the fourth quarterly sampling event, RMT is collecting additional samples from SW-4 and SW-108 to assess the scaling, corrosion, and precipitation potential of the site ground water. These data will be used in conjunction with the Pre-Final design activities that will be conducted during the Spring 1993.
- Concurrent with the fourth quarterly sampling event, RMT is collecting flow measurements and 24-hour composite samples from Jones Creek at a location in the stream up-gradient of the unnamed tributary and at a location below the confluence of the unnamed tributary and Jones Creek (near BW-3). These supplemental data will be used to aid in the development of the NPDES permit for the ground water treatment system. Primarily, we are concerned with identifying the approximate flow of the stream, hardness, and base concentrations of inorganic constituents present in the stream.
- With the submittal of the Preliminary Design Report, RMT has begun preliminary preparations for installation and field testing of the three ground water recovery wells and two soil vapor extraction wells proposed in the preliminary design report. Barring unforeseen difficulties, we would expect these activities to be conducted during the first quarter 1993.

#### *Health & Safety Plan*

- Completed.

### **REMEDIAL DESIGN ACTIVITIES**

#### **Remedial Design Planning**

##### *RD Work Plan*

- Completed and approved.

#### **Preliminary Design**

- The Preliminary Design Report was submitted to the US EPA and SC DHEC for review and comment on November 19, 1992. We are presently awaiting Agency responses to the document and accompanying drawings.

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**Prefinal/Final Design**

- No activity to report this period.

**REMEDIAL ACTION**

There are no current activities to report on at this time in the project.

**OPERATION AND MAINTENANCE**

There are no current activities to report on at this time in the project.

**PERFORMANCE MONITORING**

There are no current activities to report on at this time in the project.

**PROJECT TASKS PLANNED FOR THE MONTH OF DECEMBER 1992**


The following activities are scheduled for the next reporting period beginning December 1, 1992 and continuing through December 31, 1992:

- Conduct preliminary pumping tests on SW-108 and SW-4.
- Complete data validation on third quarterly ground water sampling results.
- Complete fourth quarterly sampling event.
- Collect additional treatability samples from SW-4, SW-108, and two stream stations.
- Begin initial preparations for installation and field testing of the three ground water recovery wells and two SVE wells.

Ralph, if you have any questions or comments regarding the material provided herein, please contact either myself or David Nichols.

Sincerely,

RMT, Inc.

  
Steve W. Webb, Ph.D., P.E.  
Project Coordinator

cc: Medley Farm Site Steering Committee Distribution  
File 938.08 (C)